

## 0203 PM Coupler

C3800-P



### 1x3 780 nm PM Fused Coupler, 33/33/33

The coupler is a 1x3 780 nm 33/33/33 PM fused coupler. The coupler offers high power handling, low insertion loss and high stability & reliability. It can be used for fiber sensor, power monitor and coherent communication.

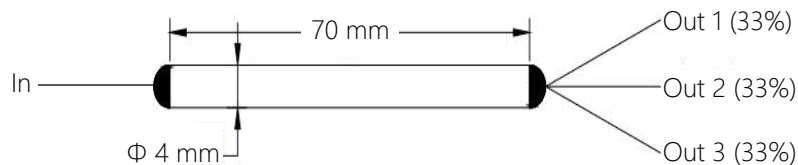
#### FEATURES

- High Stability & Reliability
- Low Insertion Loss

#### USE IN

- Coherent Communication
- Power Monitor
- Fiber Sensor

#### MECHANICAL DRAWING



Center Wavelength	780 nm	
Operating Bandwidth	±10 nm	
Excess Loss	1.2 dB max.	
Extinction Ratio	18 dB min.	
Splitting Ratio	33%:33%:33%	
Splitting Ratio Tolerance	±4%	
Directivity	50 dB min.	
Return Loss	50 dB min.	
Power Handling	2 W max.	
Fiber Type	PM Panda Fiber	
Dimension	Bare Fiber	3x3x54 mm
	900 um Loose Tube	4x4x70 mm
Operating Temperature	-5°C to +70°C	
Storage Temperature	-40°C to +85°C	
Axis Alignment	Both Axis Working	

\* With connectors, the handling power is 1 W only, IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower.

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.  
**Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**